

Appl. No. 10/500,503
Amdt. dated Oct. 5, 2006
Reply to Office action of Aug. 28, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-12 (canceled)

Claim 13 (currently amended): A discharge lamp formed by a wall of transparent material and two electrodes which are partly embedded in the wall and project into the interior of the discharge vessel, wherein at least one the two electrodes is elongate in shape and has a head part and a shaft part made of different materials and having different diameters, of which the shaft part is enclosed over its entire length by the material forming the wall, and the head part includes a first portion, which is enclosed by the material forming the wall, and a second, remaining portion which projects into the interior of the discharge vessel,

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the second portion being longer than the first portion.

Claim 14 (currently amended): The A-discharge lamp ~~as of~~
~~elaimed in~~ claim 13, wherein the length of the first portion
of the head part accounts for less than 25% of the total
length of the head part.

Claim 15 (currently amended): ~~A~~The discharge lamp ~~as~~
~~elaimed in~~of claim 13, wherein the length of the first
portion of the head part is less than 0.7 mm.

Claim 16 (canceled)

Claim 17 (currently amended): ~~A~~The discharge lamp ~~as~~
~~elaimed in~~of claim 13, wherein the diameter of the head part
is 350 to 450 μm .

Claim 18 (currently amended): ~~A~~The discharge lamp ~~as~~
~~elaimed in~~of claim 13, wherein the diameter of the shaft
part is 150 to 400 μm .

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Claim 19 (currently amended): ~~A~~The discharge lamp ~~as~~
~~elaimed in of~~ claim 13, wherein the material of the shaft
part comprises at least 60 to 85% by weight of tungsten, the
remainder being made up by rhenium.

Claim 20 (currently amended): ~~A~~The discharge lamp ~~as~~
~~elaimed in any one of~~ claim 13, wherein the material of the
head part comprises at least 90% by weight of tungsten.